

# FOLIO

## Financing Confederation \$ \$

In 1981-82, the federal government will transfer more than \$10 billion to the provinces for such social programs as post-secondary education, medicare, hospital insurance, and welfare services. Hold the phone though. The October 1980 budget informed us that the federal government intends to reduce substantially its spending on these programs. To compound matters, the main vehicle for the transfer of funds to the provinces, the *Federal/Provincial Fiscal Relations and Established Programs Financing Act*, is being renegotiated. The proposed cutbacks in the federal contribution, and possible changes in the terms and conditions of the funding have sparked "Financing Confederation, a conference on Federal/Provincial Fiscal Arrangements and the Implications for Social Development."

The conference, with a tip of the hat to the Secretary of State and The University of Alberta's Faculty of Extension, will take place Wednesday, 14 October at the Edmonton Inn, 11830 Kingsway Avenue, Edmonton. A series of panel discussions and group workshops will, in the words of the planners, the Edmonton Social Planning Council, provide opportunities for informed discussion and dialogue on the issues; lively interaction between federal and provincial policy advisors, senior administrators, service providers, and consumer groups; and a timely exploration of alternative futures for health, education, and welfare services in Canada.

The introductory (8:45 a.m.) panel with moderator Garth Stevenson of this University's

Department of Political Science, will consider "Financing Social Development." At 10:30 a.m., concurrent panels will hold forth on the following topics: "Medicare—Is Medicare Dying?"; "Post-Secondary Education—Cutbacks and the Quality of Education"; and "Canada Assistance Plan—Those in Need or Likely to Become in Need."

The post-secondary education panel's moderator is Chancellor Jean Forest and L. C. Leitch, Vice-President (Finance and Administration) is one of the panelists. Leslie Bella, Department of Recreation Administra-

tion, is the moderator of the Canada Assistance Plan panel.

At the 12:30 p.m. luncheon, guest speaker Rodney Dobell, Director of the School of Public Administration, University of Victoria, and Research Director of the Parliamentary Task Force on Federal/Provincial Fiscal Arrangements, will address the topic "Finding the Future: Processes and Proposals from the Parliamentary Task Force."

Eight concurrent workshops will get underway at 2:30 p.m. One of them is entitled "Funding Post-Secondary Education: The Feasibility of Direct Grants to

Students." Dr. Stevenson and Anne McGrath, Federation of Alberta Students, will participate. The closing address—"Financing Confederation: How Ottawa Intends to Spend Your Tax Dollar"—will be given by Bruce Doern at 4 p.m. He is with the School of Public Administration, Carleton University.

The registration fee of \$25 includes the luncheon. For complete registration information and forms, contact the Edmonton Social Planning Council, #418, 10010 105 Street, Edmonton, Alberta T5J 1C4, telephone 423-2031. □

## The University of Alberta United Way Campaign

The United Way nourishes thirty-nine community organizations through a single campaign for funds. Last year, services which the United Way helped to provide included the AID Distress Line, to which 34,139 people turned for help with personal problems, alcohol and drug abuse, health, psychiatric or family problems; the Red Cross Loan Service, which provided crutches, wheelchairs, and other sickroom equipment for over 850 convalescents; training for 4,300 in first aid and patient care by the St. John Ambulance Association; visits to 50,938 elderly, handicapped, and convalescent people by the Victorian Order of Nurses; and assistance and supportive counselling for 352 victims and their families by the Edmonton Sexual Assault Centre.



The University is an integral part of the community benefitting from the many services made possible by the United Way. The need for the United Way grows. Its revenue target for 1981 in Edmonton is \$4.5 million. The

percentage of University employees giving rose from eight percent in 1976 to twelve percent in 1978, and fell to ten percent in 1980. Since 1978 the number giving, both academic and non-academic staff, has decreased from 728 to 623. Although contributions have increased slightly, reaching a total of \$84,792 in 1980, their real value has fallen. The target for 1981 is \$97,500. For your information, the accompanying figures summarize the United Way contributions at The University of Alberta over the past five years. The average gift by those who gave was \$136.10 in 1980. □

Year	1976	1977	1978	1979	1980
Number contributing	485	584	728	721	623
Percentage of employees	8	12	12	11	10
Total gifts	\$62,884	\$68,893	\$77,646	\$82,464	\$84,792

## Video Tape Play Back Facilities Now Available

It has been suggested (hard to believe though) that there are students here who have difficulty reading. Why else would *The Gateway* advertise speedy reading courses? Why else does the University Bookstore sell so many light yellow marker pens?

Whether or not the suggestion is valid, instructors of all students are urged to make use of the new facilities provided by the Department of Radio and Television in the Humanities Audio-Visual Centre and the Reserve Reading Room of Cameron Library. Here, according to W.H. Jopling (Director of Technical Services, Radio and Television) video tape playback facilities have been installed that will accommodate ¾" tapes. Students, who as children assimilated so much knowledge from watching Saturday morning cartoons, can now be returned to their familiar

environment and complement their tortuous reading of *Wuthering Heights* by watching a television series of the same name.

This, of course, is quite unfair. Television long ago won for itself a valuable place in the delivery of educational materials and its use on campus is increasing rapidly. There are, in fact, few courses offered at this University that would not benefit from making use of the broadcast media. It is in recognition of this fact that the video tape play back facilities have been installed in the areas referred to above.

In the new facilities, instructors may deposit tapes for viewing by students at their convenience. A student may withdraw a tape from the adjacent library, view it, and then return it. Already, there is a wide selection of tapes available in either facility and we have staff on campus who are prepared to help instructors make more.

There is no doubt about it, many courses could be enlivened by even the occasional use of our television facilities. Just imagine, economics with Dr. S. available at any time, Tyrone Power as Oedipus available throughout the day for students of the Greek world (and psychology), the possibilities are endless. Why, an instructor could even teach students to read—cable monitoring is already in place, so *Sesame Street* is quite accessible.

For information about the new facilities, or if you want to explore further (seriously now) the excellent opportunities for enhancing instruction that are currently provided by the Department of Radio and Television, why not telephone Ken Pappes (Production Supervisor), Wes Dennison (Technical Supervisor), or Bill Jopling at 432-4962. The video tape play back facilities have been installed for the benefit of all staff and students. You will not be disappointed. □



A student using the video tape play back system in the Humanities Centre.

## Pianist Louise Bessette to Perform

The halls are alive with the sound of music. A new term and the Fine Arts Building is fairly pulsating with all manner of teaching, practicing, rehearsals, and recitals by Department of Music staff and students. Of course there is always room for performances by guest artists particularly when they are as accomplished as pianist Louise Bessette. The winner of the 1981 S.C. Eckhart-Gramatté Competition for the performance of Canadian music, Miss Bessette will perform in 1-29 Fine Arts Building, at 12 noon on Friday, 2 October. Admission is free. The program consists of "Jeux dans l'espace, Poem" Op. 27 by Alain Gagnon; "Sonata Op. 10" by Beethoven; Olivier Messiaen's "Regard des Anges" from "Vingt Regards sur l'Enfant Jesus"; and "Funérailles" by Franz Liszt.

As the winner of the sixth Eckhart-Gramatté Competition, she was awarded a prize of \$2,500 and booked for recital engagements across Canada. (The competition is a memorial to composer-pianist-violinist Sonia Eckhart-Gramatté and is held at Brandon University. It is one of the few contemporary music competitions in existence.)

Miss Bessette took up the piano at the age of five. She later



gravitated to the Montreal Music Conservatory and was chosen first prize winner in several areas of study including composition, theory, chamber music, and solo piano contests. She has studied at the Banff Centre and the Nice Summer Academy and is currently studying in New York City.

Her reputation is that of a fine interpreter of contemporary music and she is often heard in concert as soloist, accompanist, and in chamber music. She has appeared at Montreal's Place des Arts, the Banff Arts Centre, Orford Arts Centre, and the Montreal Conservatory. Since 1975, Miss Bessette has been teaching private and class piano lessons and giving workshops. □

## FOLIO

Volume Eighteen  
Number Thirteen

All inquiries and correspondence should be directed to:

Folio  
Office of Community Relations  
423 Athabasca Hall  
University of Alberta  
Edmonton, Alberta T6G 2E8  
Telephone: (403) 432-2325  
The Office of Community Relations produces Folio on a weekly basis for the staff and other interested persons

ISSN 0015-5764  
Copyright 1981

---

## Staff Fitness Program Grows and Grows

Physical fitness has arrived. From an exotic activity practised by a few marginal fanatics, physical fitness has leaped to the centre of the Canadian lifestyle. Everyone seems to be concerned about fitness and if not actually engaged in a fitness program of their own, are feeling guilty because they are not. Where once fitness was the preserve of the "jock" set, now it is not uncommon to encounter young women, middle-age folks and

career non-exercisers as well.

The slim, trim look is in as hundreds of campus people are working at fitness and looking better than they have in years.

In 1977, anticipating this trend, the Department of Athletic Services initiated a fitness program for non-academic staff and faculty. This started as the Early Bird's fitness class which met at the astounding hour of 6:45 a.m. Some thirty-five hardy souls enrolled in the course. Since

then, there has been no looking back. Demand has increased and classes have been added. The program has proved its worth to professors, clerks and administrators alike, having involved over fifteen hundred campus people since its start in October 1977.

This fall's offering includes ten different courses ranging from relaxation techniques to a vigorous fitness course for the hard-nosed fitness buff. Under the direction of top-line instructors, Yoga and Aerobic Dance have been extended to three classes a week. Those with an overweight problem or cranky back can be accommodated in a special aquatic fitness course designed to provide gentle exercise for those who can't boogie or jog.

Gradualness and moderation will be the keynote as the program organizers extend an invitation to people who have

not previously been involved in exercise. A spokesman said "We'll start you out so gently that you'll be half-way to fitness before you realize you're actually getting there."

The program has been incorporated into the Athletic Services Department's re-organization of Intramural Recreation. This should see an extension of opportunities available for participation by staff and faculty in the intramural program that was previously only available to the student body.

A campus-wide mailing of information about the staff fitness program is currently underway. If readers have not received the fall flyer by the time they receive *Folio*, they are advised to call 435-8984 and one will be sent to them. □\*

*\*This article was contributed by Art Burgess.*

---

## Guest Rooms Available at Lister

The Department of Housing and Food Services has recently completed its renovation of guest rooms in the Lister Hall complex. These rooms are available, on a daily basis, to anyone who visits the University—visiting speakers or anxious parents, all are welcome.

The ten rooms are cheerful enough. They have twin beds,

a coordinated decor, an adjoining four-piece bathroom, a desk, and at least one wall covered in paper.

Visitors to the University could do worse than find accommodation in the Lister Hall guest rooms. They may gain access to the rooms twenty-four hours a day, experience breakfast in the Lister Hall cafeteria, and make use of the many facilities that are conveniently at hand either on campus or in the little shopping plaza across 87 Avenue in Windsor Park. (In addition to the Canadian Imperial Bank of Commerce in the Students' Union Building, the Toronto Dominion Bank and the Bank of Montreal are located in the Windsor Park shopping plaza. There is also a beauty parlor and barber shop, a grocery store, a drug store and a service station.)

The rates for Lister Hall guest rooms are anything but exorbitant. For a single, there is a charge of \$20 a night and, for two people, a charge of \$28. There is one room that also has an adjacent and private living area. The cost for the room is \$35.

Reservations for the guest rooms may be made by telephoning Karen McHenry at 432-3819. □

---

## This Week's Quote

*"Why are all my classes over-booked and over-subscribed? Why is computer time in so much demand? Why should we have to put up with this?"*

Source: A graffito seen recently in a lavatory in the Students' Union Building.

*"Promises have a way of coming home to roost like dead chickens. Dead chickens do roost and they roost on my desk quite often."*

Source: W. Blanchard, Registrar, at the 14 September meeting of GFC Executive.

---

## Grad Students Need a Leader . . . Now!

The University of Alberta Graduate Students' Association is still looking for a President for the 1981-82 term, and will be accepting nominations until Tuesday, 29 September, when a special meeting will be held to elect a new executive officer.

At the GSA council's September meeting, Roland Maw (Forest Science) was elected GSA Vice-President (Finance), but there were no nominations for President. The GSA is eager to find a graduate student with the time and willingness to serve as President as soon as possible because its President performs a vital role as a member of the University's Board of Governors. The GSA president is also responsible for general leadership of the executive and the overall supervision of GSA operations.

The GSA has been without a President since June when then-

president Pat Whiteley left our University to pursue her doctoral degree in the United States. Since then, Ludger Mogge (History), Vice-President (External), has been functioning as acting President.

During the next two weeks, the GSA will conduct an extensive informational campaign on campus to encourage nominations for President from among its membership. All interested persons are asked to obtain more information from the GSA office in the North Power Plant by dropping in mornings from 9 a.m. to noon, or by telephoning 432-2175. People willing to serve as President are urged to attend the 29 September meeting with their nominator. The meeting will be held at 7:30 p.m. in the Back Room at the Power Plant. For more information, call Lynne Van Luven, 432-5015. □

---

## Of Time, Space and Digital Clocks

Move over, Einstein! I have just discovered a new dimension of the time-space relationship. While it is not earth-shaking, and most unlikely to result in my receipt of next year's Nobel Prize for Physics, it certainly shook me. I have just realized that *time is space*. Ergo, digital clocks make me late.

Let me explain. Like most *Playboy* generation North American males I surround myself with the toys that are the trappings of modern technology. I have a miniature calculator in my office that also tells me the time, day and date, functions as a stop watch and lap timer, plays a series of tones as I balance my cheque book, and

wakes me from my afternoon nap to the electronic notes of "Für Elise" and "Tarantella Napoletana."

I also have a digital clock radio by my bedside and it was while lying awake one night, mesmerized by the numbers flipping over, the minutes of my life skipping away, that I realized that this digital duo were turning me into a tardy person.

It occurred to me that the numbers have no meaning. What is 12:47? What is 4:33? They are numbers that have no relationship whatsoever to time in my conception. Because time is space, and, until the appearance of digital clocks and watches, it

always has been.

For early man the passage of time was represented by the changing seasons, the migration of animals and birds, the growth of crops, and the movement of the sun across the sky. The latter phenomenon became the basis for the first formal means of measuring time, the gnomon. The gnomon, which was later refined into the sundial, was a stick planted in the ground—the length and direction of the shadow determined the time of day.

Other early means of measuring time included the clepsydrae or waterclocks, hour glasses, and the burning of knotted ropes and incense tapers in the Far East. In every case the passage of time was represented by movement through space—a moving shadow, the passage of water from one vessel to another, the changing level of oil or height of a candle, or the movement of a flame along a rope or incense taper.

European monks (Benedictine) were apparently the first people to live by the clock. They divided the day into seven devotional periods, canonical hours, each marked by the ringing of the monastery bells. But their means of determining time were troublesome. Water clocks were prone to freezing, clouds and darkness rendered the sundial useless, and hourglasses, lamp and candle clocks needed constant tending. The mechanical clock was an invention whose time had come, and that time came in the thirteenth century.

Again, the passage of time was represented by movement through space—the movement of the hands of a clock through the 360 degrees of a circle. It is no accident that both hours and degrees are divided into minutes and seconds because time and space are analogous.

Nowhere is this analogy more apparent than in Hopi culture where no distinction is made between time and space—long ago and far away are the same. And child psychologists have deter-

mined that the concepts of time and space appear to develop together in our early years, a parallelism that we retain in our adult lives. Our concern with travel, our slove of punctuality, and our particular style of sports all emphasize this parallel.

Distance becomes translated into time in so much of our conversation about travel:

"How far is it to the Chateau Laurier?"

"Are you walking or driving?"

"Walking?"

"Oh, about twenty minutes."

The question concerns distance, the response is given in time, and we accept it as a valid answer. We invariably think in terms of travel time rather than distance whether we are driving from Toronto to Tampa Bay or flying from Vancouver to London. And I have never met a commuter who told me how far it was from home to work—travel time is the basis for comparison.

Time and space are key elements in all of our most popular sports. Football is governed by the chain and the clock, and even the North American Soccer League has felt constrained to introduce a semi-official time clock. But the ubiquitous jogger best expresses the parallelism of time and space by employing the concepts interchangeably ("I was out for 45 minutes"/"I ran five miles"), or by combining the concepts in constant references to space.

Punctuality must rank very highly in the hierarchy of North American virtues, perhaps even next to cleanliness. Promptness, keeping to a schedule, being *on time*—all ways of indicating that a person is in a certain space at a certain time. And therein lies my problem.

When I look at my old-fashioned wind-up watch I see time as space. If my watch tells me that it is ten minutes to eleven and I have a class to teach in another building at eleven o'clock, the length of the arc on my watch from ten to

---

## Director of Colleges and Universities Appointed

Jim Horsman, Minister of Alberta Advanced Education and Manpower, has announced the appointment of Henry N. Anderson as Director of Colleges and Universities with the Administrative Services Division of the Department.

The Director of Colleges and Universities maintains communication with board-governed institutions and private colleges. He provides advice and assistance on complex problems, government legislation and policies of the Department. Dr. Anderson, who has served as President of Grande Prairie Regional College for the past fifteen years, will assume his new duties immediately.

Dr. Anderson was born and educated in Alberta, obtaining his Bachelor of Education in 1959, his Bachelor of Arts in history in 1962 and his doctorate in educational administration in 1968 at The University of Alberta. He had sixteen years' experience as classroom teacher and administrator in rural Alberta school divisions and the city of

Camrose before entering graduate school. When Grande Prairie Junior College was established in 1966, Dr. Anderson, as first Dean, laid the foundations for operation of the College.

Dr. Anderson served, until recently, as a member of the Program Policy Advisory Committee to the Alberta Educational Communications Authority, and as Chairman of the Board of Directors of the North Peace Educational Consortium and the Yellowhead Region Educational Consortium. He has been active as a member and chairman of numerous other educational committees providing various coordinating and cooperative functions.

In announcing the appointment, Mr. Horsman said, "Dr. Anderson's breadth of experience as an administrator and his sensitivity to future developments in post-secondary education qualify him to give the assistance necessary for the continued creative development of our colleges and universities." □

## people

**Marlene Kadar:** The title of the paper she presented recently in Budapest suffered in last week's *Folio*. It was "The Relationship between Hungarian Balladry and Medieval French Romance."

**Harry Wohlfarth,** Extension, has been appointed as Consulting Staff Associate at the Institute for Psychological Studies of Color and Light at California State University, San Jose, California.

The Board of Governors of the New York Academy of Sciences, unanimously has chosen *C.M. Rodkiewicz*, Mechanical Engineering, to become a Fellow of the Academy. Election to Fellowship is a distinction conferred on a limited number of members who have attained outstanding recognition for scientific achievements or for the promotion of science.

The Royal Society of Chemistry in Britain has honored *L.G. Chatten* of the Faculty of Pharmacy and Pharmaceutical Sciences by electing him a Fellow of the Society. Dr. Chatten is well known for his work in analytical procedures in pharmaceuticals and has just returned from Australia where he was an invited plenary speaker at the 6th International Symposium on Analytical Chemistry at the Australian National University. He also gave talks at Sidney, Adelaide, Melbourne and Brisbane.

*M.J. Apps*, who was Research Associate with the Slowpoke Reactor Facility since 1977, has resigned to accept a post with the Canadian Department of Environment. Dr. Apps will work in the Northern Forest Research Center in Edmonton and will continue to hold an honorary appointment with the Faculty of Pharmacy.

*L.G. Stephens-Newsham, M.J. Apps, T.R. Sykes, A.A. Noujaim* and *B.C. Lentle* presented a paper at the 6th International Conference on Modern Trends in Activation Analysis in Toronto on "Assay of Platinum and Gold in Biological Material by Neutron Activation Analysis." Dr. Stephens-Newsham also co-authored two papers at the same meeting with

staff members of the University of Surrey in England.

*Patricia L. Fisher*, Cardiac Care Evaluation, Department of Medicine, delivered papers entitled "A Prevention Program for Coronary Heart Disease in

Alberta" and "Predicting Health Outcome in Hypertension: Primary Prevention at Work" on 25 and 26 August respectively, at the IXth Scientific Meeting of the International Epidemiological Association, Edinburgh.

## Do You Have Any Pictures?

The University's 75th Anniversary Book Committee is in the process of selecting photographs and illustrations for a commemorative publication. Having uncovered gaps in our photographic history, the Committee would greatly appreciate the loan or donation of material from you, the readers of

*Folio*. The material should be of the sort that will allow reproduction and should cover the period 1939-57.

For further information, please contact the University of Alberta Archives at 432-5146 or 432-5132. □

## service information

**Edmonton Opera Association**  
1, 3, and 5 October. 8 p.m. Season opener, Puccini's "Turandot." Performances in the Jubilee Auditorium. Tickets at BASS.

**Edmonton Philharmonic Orchestra**  
The orchestra is recruiting in several sections. Vacancies exist at all skill levels for strings, oboe, bassoon, tuba, and percussion. For more information, call Anne Harder (436-0815), Dan Barer (426-1720), or Leslie Bella (435-8467, 432-3341).

## Coming Events

### Music

**Department of Music Concerts**  
24 September. 8 p.m. The University of Alberta String Quartet with guests Robert A. Stangeland, piano, and Wilmer Fawcett, string bass.  
30 September. 8 p.m. Fordyce Pier, trumpet, presents a Faculty Lecture Recital.

### South Side Folk Club

26 September. 8:30 p.m. Concert performances by Kevin Burke and Michael O'Domhnaill, Ireland, and Paddy Tutty, Saskatoon. Tickets at HUB and Keen Kraft Music. Club information, 478-6417.

### Jubilee Auditorium

25 and 26 September. 8 p.m. The Edmonton Scottish Society presents the Alexander Brothers. Tickets at Mike's.

### Sundays at 3

27 September. 3 p.m. Gerre Hancock, organist, of St. Thomas Church, New York. Tickets: 10520 132 Street (455-2448).

## Lectures and Seminars

### Polish Culture Society

24 September. 7:45 p.m. A discussion and social meeting moderated by Karol Krotki, Professor of Sociology and President of the Polish Culture Society of Edmonton. Downstairs Meeting Room, Polish Hall, 10960 104 Street, Telephone 425-9116.

### Department of Slavic and East European Studies, Department of Educational Foundations

25 September. 3:30 p.m. "The Failure of an Educational Reform—The Case of Poland (1973-81)," with Dr. Anweiler, 311 Athabasca Hall.  
28 September. 11 a.m. and 6:30 p.m. "Trends and Problems in Soviet Education in the Early 1980s," with Dr. Anweiler. 311 Athabasca Hall.  
29 September. 3:30 p.m. "Russification by Education—Facts and Problems in Research on the Soviet Nationalities Questions," with Dr. Anweiler. 311 Athabasca Hall.  
30 September. 3:30 p.m. "The Challenge of Multiculturalism to the West German Educational System." 5-180 Education North.

twelve becomes a model of the distance from my office to the classroom. The time it takes for the minute hand to move from ten to twelve is the time it will take me to walk to my classroom. I keep pace with the minute hand and I know that I have to leave now in order to be on time.

When I look at my digital calculator clock I see a number—10:50. What is 10:50? It does not trigger any relationship between time and space in my mind, and . . . I'm late for class again!

As I gradually began to realize what was happening I became more and more enraged about all digital clocks and watches. They were destroying my sense of time.

But I could not understand why sports clocks were not having the same effect. Although digital clocks are widely used they have the effect of enhancing our sense of time and our excitement near the end of a close game.

The solution, like all the best solutions, was only too obvious. Sports clocks work backwards! They count down to zero at a constant rate, thereby giving us a very clear idea of how much time is left.

Now, if only I could get my calculator clock to work backwards. Maybe if I turn the batteries around . . . □\*

\*The above article was written by Peter Donnelly of the School of Physical Education and Athletics at McMaster University. It is reprinted from the CAUT Bulletin 28, 5 (1981): p. 17.

# October 1981

September  
1 2 3 4 5  
6 7 8 9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30

November  
1 2 3 4 5 6 7  
8 9 10 11 12 13 14  
15 16 17 18 19 20 21  
22 23 24 25 26 27 28  
29 30

December  
1 2 3 4 5  
6 7 8 9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30 31



sunday  
**4**

**11**

**18**

**25**

monday  
**5** ■ GFC Executive,  
2 p.m.

**12** ■ Thanksgiving Day.  
University buildings closed

**19** ■ GFC Executive,  
2 p.m.  
■ Mid-term test week  
to 23 October

**26** ■ GFC (time to be  
announced)  
■ FDC

tuesday  
**6**

**13**

**20**

**27**

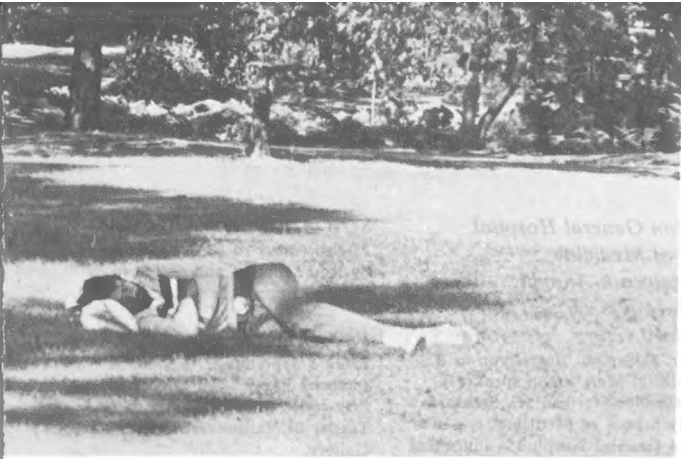
we  
**7**

**14**

**21**

**28**





thursday

1

8 • PPC

15

22 • PPC

29

friday

2 • Board of Governors

9

16

23

30

saturday

3

10

17

24

31

day

#### **Grant MacEwen College**

##### **Car Care for Consumers**

24 September, 27 and 29 October.  
7 to 10 p.m. Grant MacEwen College,  
7319 29 Avenue. Telephone 462-5550.

##### **Forum-International Toastmistress Club**

24 September. 7:30 p.m. A public forum in the Northwestern Utilities Ltd. Service Centre Auditorium, 10540 112 Street. The forum is designed to provide an awareness of what can be accomplished by becoming a member. For more information, contact Audrey Bell at 432-3371.

##### **Edmonton New Faces Society**

24 September. 7:30 p.m. Monthly Discussion Evening at the Holiday Inn. Members \$5; non-members \$7.

For more information on the Society, please write to Box 4542, South Edmonton, T6E 5G4.

##### **Department of Philosophy**

24 September. 3:30 p.m. Herman Tennesen will give a paper on "Language and the Dying of Death." 2-42 Humanities Centre.

##### **Little Bits Riding Club**

27 September. 1 p.m. Third Annual Strawberry Tea. 14108 98 Avenue. (The club is the only riding group for disabled children around Edmonton.)

##### **The Edmonton Association for Children With Learning Disabilities**

28 September. 8 p.m. Public meeting at Unitarian Church Auditorium, 12530 100 Avenue.

##### **Department of Zoology**

25 September. 3 p.m. M. Augée of the Department of Zoology, University of New South Wales, will speak on "Australian mammals." 345 Agriculture Building.

2 October. 3 p.m. P.A. Morrow of the Department of Ecology and Behavioral Biology, University of Minnesota, will speak on "Community consequences of chronic insect stress in *Eucalyptus* forests." 345 Agriculture Building.

##### **Department of Classics**

30 September. 4 p.m. Architecture as a medium of public relations," with Homer Thompson, American School of Classical Studies. 1-8 Humanities Centre.

1 October. 11 a.m. Homer Thompson will speak on "Socrates in the Agora." Lecture Theatre I Humanities Centre.

##### **Inuit Art Enthusiasts**

28 September. 7:30 p.m. "Introduction to Inuit Arts: Graphics and Carvings," a presentation with slides by Evelyn Blakeman and Milton Halvorson. Non-members welcome. The Art Workshop. 4624 99 Street. For more information, please telephone Gerdy Aarts at 434-4771 (evenings).

##### **Science Dining Club**

29 September. 6 p.m. A. Liu, Department of Mathematics, will discuss "The International Mathematical Olympiad." A buffet dinner will follow. Saskatchewan Room, Faculty Club. Call 432-4765 for reservations.

##### **Chaplaincy**

29 September. Noon. "Christian Faith and Canada's Criminal Justice System," with David McCord, Executive Director of the Church Council on Justice and Corrections in Canada. 158A Students' Union Building.

##### **Students' Union**

Continuing to 2 October. Information campaign on Multi-National Corporations and the Third World.

24 September. Noon. CIDA President Marcel Massé will speak in Lecture Theatre I, Humanities Centre.

1 October. 7 p.m. Forum with Fr. Chism. Meditation Room, SUB. For more information on these and other events, call Lisa Walter, 432-4236.

##### **SUB Gallery Poetry Readings**

1 October. 12:30 p.m. Beth Jankola from British Columbia.

##### **Departments of Pharmacology, Physiology, and Zoology**

30 September to 2 October. Françoise Dieterlen of the Institut d'Embryologie, Paris, will visit the Departments and lecture under the sponsorship of the Alberta Heritage Foundation for Medical Research. Dr. Dieterlen will speak at 4 p.m. on 1 October in 968 Medical Sciences. Further information can be obtained by calling 432-5548.

##### **Canadian Institute of Ukrainian Studies**

2 October. 7:30 p.m. Dr. Bohdan Bociurkiw, Professor of Political Science, Carleton University, will discuss "Politics, Religion, and Society in Contemporary Ukraine." Heritage Lounge, Athabasca Hall.

##### **Edmonton Bicycle Commuters**

6 October. 7:30 p.m. General meeting with films and display. McKernan School, 114 Street and 76 Avenue.

##### **Department of Psychology Alberta Heritage Foundation for Medical Research The Seventh Annual MacEachran Memorial Lecture Series**

5, 6, 7, October. 7:30 p.m. A series of lectures relating to "Current Cognitive Theory in Problem Solving," with speaker James G. Greeno, Learning Research and Development Center at the Department of Psychology, University of Pittsburgh. CW-410 Biological Sciences Building.

##### **Edmonton General Hospital**

##### **Faculty of Medicine**

##### **The Nineteenth Annual**

##### **Dr. L.P. Mousseau**

##### **Memorial Lecture**

7 October. 8:30 p.m. "Interferon as a Therapeutic in Man," with speaker Thomas Charles Merigan Jr., Stanford University School of Medicine. Edmonton General Hospital Auditorium, 11111 Jasper Avenue.

##### **Edmonton General Hospital**

7, 8, 9, October. Twelfth Annual Seminar with a program relating to the general practice of medicine. For more information, please write to Ruth Doram, 3A02 Edmonton General Hospital, 11111 Jasper Avenue, Edmonton, Alberta T5K 0L4.

##### **Faculty of Extension**

##### **Edmonton Public Library**

9 October. 12:15 p.m. The opening lecture in a series of ten lunch-time presentations under the general title of "Canada: East/West and North/South Relations." This lecture, to be given by B. Wilkinson (Economics) is titled "Canada's International Trade." Music Room, Centennial Library. Coffee supplied at no charge.

##### **Exhibitions**

##### **Natural Resources Science Centre**

Until 27 September. "Albert Einstein Photographed by Lotte Jacobi." Showing in the Feature Pavilion in the Strathcona Science Park.

##### **Edmonton Public Library**

##### **Foyer Gallery**

8 to 30 September. "Alberta Society of Artists" group show.

##### **Photographic Gallery**

Until 30 September. "B.C. Holiday" by Daryl Cote.

5 to 31 October. "Myths" by Frank Haddock.

##### **Photography Gallery**

6 to 31 October. "And we have made thy sight sharp this day" by Paul Lencucha.

##### **Ring House Gallery**

Until 27 September. Glen Alps: The Collagraph Idea.

Until 4 October. Student Prints: Collagraphs.

1 to 25 October. "Pork Roasts: 250 Feminist Cartoons." A variety of recent cartoons chosen by Avis Lang Rosenberg, sponsored by the University of British Columbia Fine Arts Gallery, and supported by the Canada Council.

8 to 25 October. "Annora Brown: Next to Nature, Art." Sponsored by the gallery and Hurtig Publishers to celebrate the publication of the autobiography of the Albertan pioneer artist.

Gallery hours: Weekdays: 11 a.m. to 4 p.m., Thursdays: 11 a.m. to 9 p.m., Sundays, 2 to 5 p.m.

##### **SUB Art Gallery**

25 September to 12 October. Paintings by Ron Moppett and sculpture by Phyllis Green.

##### **Provincial Museum**

From 8 September. "Rodeo: A Pictorial Essay." An exhibition of fifty rodeo photographs by Ronnie Tessler of Vancouver. Orientation Gallery.

From 16 September. "The Covenant Chain: Indian Ceremonial and Trade Silver." An exhibition of over 300 pieces of silver dating from the eighteenth century to the present day. Feature Gallery #3.

Until 1 October. "Paul Allen's West." A photographic exhibition. Auditorium Foyer.

Until 22 November. "Avatars—Hindu Incarnations." An exhibition of antique temple bronzes, Kalamkari paintings and Krishna paintings from the collection of Sarala Sharma. Feature Gallery #2.

Until 6 January 1982. "The Beauty of Pheasants." An exhibition of over thirty species of the bird. Feature Gallery #1.

##### **Films**

##### **SUB Theatre**

24 September. 7 p.m. "Tess."

25 and 26 September. 7 and 9:30 p.m. "Raging Bull."

27 September. 7 and 9:30 p.m. "S.O.B."

28 September. 7 and 9:30 p.m. "The Postman Always Rings Twice."

29 September. 7 and 9:30 p.m.

"Atlantic City."

1 October. 7 and 9:30 p.m. "The Great Santini."

##### **Edmonton Film Society**

28 September. 8 p.m. "Some Like It Hot." Showing in TL 11 Henry Marshall Tory Building. Admission by series ticket only. \$20. Tickets at HUB, Woodward's, door.

##### **National Film Theatre**

24 September. 7:30 p.m. "Band of Outsiders."

9:10 p.m. "Miss Julie."

25 September. 7:30 p.m. "Miss Julie."

9:10 p.m. "Band of Outsiders."

27 September. 7:30 p.m. "Band of Outsiders."

9:10 p.m. "Mon Oncle d'Amérique."

Alberta premiere. Screened in the original French version without subtitles.

30 September. 7:30 p.m. "The Homecoming." 9:30 p.m. "Picnic at Hanging Rock."

1 October. 7:30 p.m. "Picnic at Hanging Rock." 9:20 p.m. "The Homecoming."

##### **Germanic Languages**

30 September. 7:30 p.m. "Trotta" (1971). 17 Arts Building.

##### **Provincial Museum of Alberta**

26 September. 2 p.m. "Kashmir—Streams of Paradise," "Kashmir—



Garden of Allah," "Rana," "The Village."  
8 p.m. Audubon Wildlife Films.  
27 September. 4 p.m. "Cowboy,"  
"How Things Have Changed."

**Edmonton Public Library**  
12 noon, Mondays. Brown Bag  
Cinema. Centennial Library Theatre.  
Free admission.

**Something Special**  
Weekends at 2 p.m. Until 17 and  
18 October. A film series in  
recognition of the International Year  
of Disabled Persons. Centennial  
Library Theatre. Free admission.

**Children's Cinema**  
Saturdays at 10:30 a.m.  
Showing in the Centennial Library  
Theatre. Free admission.  
7 p.m. Tuesdays, Wednesdays and  
Thursdays until 29 October. "Fantastic  
Flicks," a film series for teenagers.  
Showing in the Centennial Library and  
the Capilano and Dickinsfield branches.  
Admission Free. Tickets available from  
the Audio-Visual division in the  
Centennial Library and in Capilano  
and Dickinsfield branches.

## Theatre

**Edmonton Musical Theatre**  
19 September. 10 a.m. to 4 p.m.  
Auditions for workshops designed for  
singers and dancers who wish  
further training. Christ's Church  
basement (use east entrance),  
12116 102 Avenue.

**Citadel Theatre**  
Shoctor Stage  
From 23 September. Catholics  
by Brian Moore.

**Workshop West**  
**Playwrights' Theatre**  
From 23 September. Remy! by Allan  
Stratton. A play about MacKenzie  
King. Tickets at BASS. Reservations:  
424-2422.

## Sports

**Golden Bears Football**  
2 October. 7:30 p.m. Calgary.  
Clarke Stadium.

**The University Parish.**  
Weekly. Tuesdays at noon. Lunch  
and meditation in the Meditation Room.  
158 Students' Union Building.  
Thursday. 9:15 a.m. Holy Eucharist  
(Anglican rite). St. Joseph's College  
Chapel. Evenings. Worship and  
community meal with discussion of  
topics of general interest. 158  
Students' Union Building.

## Non-Credit Courses

**Faculty of Extension**  
**Scottish Gaelic**  
Date: 30 September for twenty weeks.  
Time: 7:30 to 9:30 p.m. Fee: \$75.  
Telephone: 432-3033/3116.

**Short Course on the**  
**Income Tax Act**  
Date: 14 October to 15 November.  
Time: 7 to 9 p.m. Fee: \$100.  
Telephone: 432-5066/7.

**Convictions, Challenges, and**  
**Compromises: Women in**  
**Management**  
Date: 1 and 2 October. Time: 9 a.m.  
to 4:30 p.m. Fee: \$150 (includes  
materials and lunches). Telephone:  
432-5066/7.

**Effective Selling Skills**  
Date: 8 October to 10 December.  
Time: 7 to 10 p.m. Fee: \$175 (includes  
materials). Telephone: 432-5066/7.

**Absenteeism**  
Date: 22 October. Time: 9 a.m. to  
4:30 p.m. Fee: \$135 (includes materials  
and lunch). Telephone: 432-5066/7.

**PLATO Learning Centre**  
**Introduction to PLATO**  
Course Number: 6606. Date: 28, 30  
September and 2, 5, 7, 9, 14, and 16  
October. Time: 5 to 7 p.m. Fee: \$110.  
Prerequisites: None. Place: 110 Corbett  
Hall (PLATO Learning Centre).

**Introduction to PLATO**  
Course number: 6607. Date: 29 Sep-  
tember, 1, 6, 8, 13, 15, 20, 22  
October. Time: 5 to 7 p.m. Fee: \$110.  
Prerequisites: None. Place: 110 Corbett  
Hall (PLC)

**Introduction to TUTOR**  
Course Number: 6608. Date: 1, 8, 15,  
22, and 29 October; 5, 12, 19, and 26  
November and 3 December. Time: 7 to  
9 p.m. Fee: \$145. Prerequisites: Intro-  
duction to PLATO. Place: 110 Corbett  
Hall (PLC).

**Intermediate TUTOR**  
Course Number: 6609. Date: 6, 13, 15,  
22, and 29 October; 3, 10, 17, and 24  
November; 1 and 8 December. Time:  
7 to 9 p.m. Fee: \$130. Prerequisites:  
Introduction to TUTOR. Place: 110  
Corbett Hall (PLC).

**Student Legal Services**  
**Women and Legal Reform**  
Date: 25, 26, 27 September. Fee: \$35  
for sponsored delegates, \$30 regular  
fee and \$5 for those who cannot afford  
the regular fee. Place: King's College.

**Computing Services**  
**Client Training Sessions**  
Computing Services is taking registra-  
tions between 8:30 a.m. and noon for  
the following non-credit courses. For  
further information, please telephone  
Information Services at 432-2463 or  
come to 319 General Services Building.

**Introduction to SPIRES**  
Course number. 494. Date: 5 October.  
Time: 1 to 4 p.m. Fee: \$5. Pre-

requisites: MTS and Editor Funda-  
mentals and good knowledge of file  
editing and terminal use. Place: Seminar  
Room, 328 GSB.

**Advanced SPIRES**  
Course number: 508. Date: 28 October;  
4, 18, 25 November; 2 December.  
Time: 8:30 a.m. to noon. Fee: \$20.  
Prerequisites: Introduction to SPIRES  
workshop. Place: Seminar Room,  
328 GSB.

**Computing Services Resources**  
Course number: 504. Date: 14 October.  
Time: 2 to 4 p.m. Fee: \$10. Pre-  
requisites: None. The course offers an  
overview of the facilities available in  
Computing Services. Place: Seminar  
Room, 328 GSB.

**Introduction to Text Formatting**  
Course number: 487. Date: 5, 7, 9, 12,  
14, 16 October. Time: noon to 2 p.m.  
Fee: \$15. Prerequisites: MTS and  
Editor Fundamentals and MTS Over-  
view courses and a good working  
knowledge of the File Editor.  
Place: Seminar Room, 328 GSB.

## Students' Union

**Arts and Crafts Classes**  
Date: 28 September. Duration: 10  
weeks. Topics: Pottery, drawing,  
painting, watercolor, printmaking.  
Prerequisites: None, there will be  
classes for all people, including  
pre-teens and teenagers.

**Arts and Crafts**  
**Weekend Workshops**  
These will focus on areas of special  
interest: ceramics glaze chemistry,  
raku firing, art criticism for art  
instructors, the artist's business, and  
transferring and printing images.  
For further information, telephone  
the SUB Art Gallery at 432-4547.

## Chaplaincy

**Anglicanism**  
Date: From 23 September. Duration:  
Six one-hour seminars. Time: Noon.  
Topics: Varied and relating to  
Anglicanism, its history, worship,  
articles of faith, etc. Place: 158D  
Students' Union Building.

**Devonian Botanic Garden**  
For more information on the following  
courses, please telephone 987-3054.  
**Botany for Gardeners**  
24 September to 10 December. 7 to  
9 p.m. Introduction to botanical  
principles and topics that have  
special relevance to gardening.  
Fee: \$65.

**Mosses and Lichens**  
Date: 3 October. Duration: Three  
afternoon sessions.

**Fleche Weaving**  
Date: 7 October. Duration: Three  
evening sessions.

**Flower Preservation and**  
**English Flower Arrangement**  
Date: October. Duration: Eight  
morning sessions.

**Forcing Bulbs for Indoor**  
**Flowering**  
Date: 27, 29 October. Duration:  
One session.

**John Janzen Nature Centre**  
**Moms and Tots Nature**  
**Exploration**  
Date: 13, 20, 27 October; 5 November.  
Time: 1:15 to 2:45 p.m. Fee: \$10  
adult/child combination. Date: 15,  
22, 29 October; 7 November. Time:  
9:30 to 11 a.m. Fee: As above.

**Log Home Building Basics**  
Date: 8, 15, 17, 22 October. Time:  
7:30 to 9:30 p.m. (except 17 October:  
1 to 4 p.m.). Fee: \$22.50.

**Dried Flower Crafts**  
Date: 19 September, 3 October,  
20 September, 4 October. Time: first  
session, 10 a.m. to 12:30 p.m.;  
second session, 10:30 a.m. to 4:30 p.m.  
Fee: \$18.75.  
The courses listed above are only a  
few of those offered by The City of  
Edmonton Parks and Recreation  
department through the John Janzen  
Nature Centre. For more details  
please telephone 434-7446.

## Notices

**Parking—Garneau Area**  
Owing to the commencement of new  
residential construction in the Garneau  
area, present parking facilities there  
will be greatly altered.  
Large portions of the area bordered  
by 87 and 89 Avenues between 110 and  
111 Streets will be blocked off  
commencing 1 October 1981. This will  
cause considerable disruption in present  
parking locations. Only those possessing  
Garneau area parking permits will be  
allowed to park in that area. Permits  
will be authorized by Housing and  
Food Services and thereupon issued by  
Parking Services. Unauthorized vehicles  
parked in that area will be subject to  
tagging and towing.

**Male Donors Required**  
The Infertility Clinic at the University  
of Alberta Hospitals operates an  
artificial insemination program  
employing paid male donors. The  
Clinic is currently endeavoring to  
recruit healthy males to supplement the  
current panel. Donors receive at  
present \$25 per specimen. For further  
information, please telephone Sharon  
at 432-6537.

**Headache Research Project**  
People who experience frequent tension  
headaches, and who would like to gain  
more control over them, are invited  
to participate in a research project

whose major tool is counselling. Interested people must be over eighteen years of age. Medical approval will be required. This is an experimental project and the number of participants will be restricted. Those selected will be asked to commit one hour per week for a maximum of ten weeks. There is no fee. For further information, please contact Barbara Poulson, Department of Educational Psychology, 432-5207 (from 9 a.m. to noon).

#### **Parking Problems—**

##### **University Campus**

Parking space availability has been seriously curtailed this fall owing to a number of factors including loss of most of "B" Zone space owing to the commencement of construction of the Fieldhouse. Other locations may be temporarily reduced for construction or similar reasons.

Parking Services is endeavoring to accommodate applicants but it is physically impossible to meet all requests. It is suggested that options such as car pools and the use of public transportation be utilized wherever possible.

##### **Found Property**

A valuable man's ring was found at the end of August in the Biological Sciences Building. The owner is invited to contact Campus Security Lost and Found Department, 432-5252, to identify and recover the property.

##### **City of Edmonton**

##### **Operating Grant Applications**

The City of Edmonton's Finance Department is now accepting applications by groups for 1982 operating grants. Such grant applications should be submitted by non-profit organizations that provide a service of general benefit to the community as a whole and that can clearly demonstrate financial need. Groups that received such grants in 1981 need not contact the city for application forms as these will be mailed out shortly.

Groups that have not yet been recipients of operating grants may obtain application forms from the Finance Department, Floor 5, City Hall, between 8:30 a.m. and 4:30 p.m. Application forms will also be mailed to those who request them over the telephone (428-5544). The application deadline is 1 November 1981.

For further information, please telephone Alex Szzechina, City Grants Coordinator, at the telephone number given above.

##### **Devonian Botanic Garden**

The Devonian Botanic Garden Club will hold its annual dried flower arrangement and dried plant material sale at the Southgate Shopping Mall from 24 to 26 September. Those people wishing to have a special arrangement made or requiring an arrangement in a specific container should telephone Kay Ludwig, 434-1038, or the Garden, 987-3054.

##### **Guy Jutte to Retire**

Guy Jutte, Grounds Manager, Department of Physical Plant, will retire this fall from The University of Alberta. Guy's association with the University for over thirty years will be honored at an informal luncheon in the Banquet Room at Lister Hall on Friday, 25 September 1981 at 12 noon. Staff, friends and acquaintances of Guy's are cordially invited on this occasion to wish Guy well on his retirement.

For information and RSVP your attendance, please contact Nancy MacDonald, Physical Plant Office, 432-4210.

##### **Alex Markle to Retire**

Alex Markle, Executive Director of the Alumni Association, will retire this fall from The University of Alberta. Alex, associated with the University for over thirty years, will be honored at an informal reception in the Papaschase Room of the Faculty Club on Tuesday, 6 October 1981 from 4 to 7 p.m.

Staff, friends and acquaintances of Alex are cordially invited to join Alex on this occasion to thank him for his contributions to the University and to wish him well on his retirement.

Anyone wishing to make a donation towards a retirement gift may do so by sending a cheque payable to the Alex Markle Retirement Fund and addressed to the Office of Community Relations, 423 Athabasca Hall.

For information and RSVP your attendance, please contact the Office of Community Relations at 432-2325.

##### **Campus Observatory**

The Campus Observatory opened for the 1981-82 academic year on 18 September. There will be two shows each Friday evening, at 9 p.m. and at 10 p.m. Up to thirty people can be accommodated at one time. Contact the Office of Community Relations (423 Athabasca Hall, 432-2325) and dress warmly.

##### **Faculty Curling Association**

The Faculty/Staff Curling League is accepting applications for its Thursday draws at 5, 7 and 9 p.m. Contact Professors Sawada or Neufeld at 432-4188 for entry forms or other information.

##### **Pre-Retirement Seminar for Academic Staff**

Personnel Services and Staff Relations in conjunction with the Association of Academic Staff: University of Alberta is pleased to announce the annual Pre-Retirement Seminar for Academic staff members who are fifty-five years of age or over. This year's seminar will be held on the evening of Friday, 16 October 1981 from 7:30 p.m. to 10 p.m. and from 9 a.m. to 4:30 p.m. on Saturday, 17 October, in the Map Room of Lister Hall.

Guest speakers will discuss such topics as federal provincial pensions, legal matters, financial planning, health

and aging as well as others. The \$10 per person registration fee includes coffee, lunch and reading materials. Registrations are limited and accepted on a first-come, first-serve basis. To register, and for further information please contact Robert Goldbeck at 432-5384.

##### **University Orientation Days**

Faculties, departments, divisions, student service organizations, clubs and any interested campus groups are invited to submit applications for lecture and display space at the annual University Orientation Days to be held on 25 and 26 February 1982.

Interested groups should contact Lorne Gunter in the Office of the Registrar, 432-5392. The deadline for submission is 16 October 1981.

##### **Models Required**

The Faculty of Extension requires male and female models for daytime and evening classes. Rate—\$7 per hour. If you are interested please phone 432-3034.

##### **Attention Parents**

Pediatric and Adolescent Clinic, Department of Pediatrics. Patients are now being accepted for emergency or

continuing care by pediatric staff of the Department. For information, please telephone 432-6370.

## **Scholarships, Fellowships and Awards**

##### **Study in Foreign Countries**

The Association of Universities and Colleges of Canada has recently sent material to the University concerning awards offered for study abroad (in Belgium, China, Denmark, Finland, France, Germany, Hungary, Holland, Poland, Portugal, Spain, Switzerland, and Yugoslavia).

The conditions governing the suitability of applicants vary from country to country but applicants should be citizens or permanent residents at the time of their submission. Preference is normally given to people under thirty-five years of age.

For more information, please contact the Student Travel and Resource Room in Athabasca Hall, the Faculty of Graduate Studies and Research in University Hall, or the Associate Vice-President (Academic), Amy Zelmer, in 3-4 University Hall. The deadline for application is 31 October 1981.

## **Positions Vacant**

##### **Finance and Planning Officer Faculty of Science**

The Finance and Planning Officer is responsible for planning in the areas of finance, space and administration. The Officer advises the Dean of Science in matters of budget control for operating and capital equipment and Faculty-sponsored capital renovations. Surveys pertinent to Faculty administration are to be compiled including space utilization, research activities and support staff ratios. The Finance and Planning Officer will serve as Secretary to the Faculty of Science Committee of Chairmen and will serve as Chairman of the Faculty of Science Administrative Officers Committee.

The position requires a Bachelor's degree, knowledge and understanding of University operations and good communication skills.

This is an Administrative/Professional Officer position with salary at the senior level (currently under review). The University is an equal opportunity employer, but in accordance with Canadian immigration regulations, Canadian citizens and permanent residents will be given preference.

Closing date is 8 October 1981. Applications will full curriculum vitae and three references should be sent to: Dean W.J. McDonald, Faculty of Science Office, The University of Alberta, CW223 Biological Sciences Centre, Edmonton, Alberta T6G 2E9

##### **Receptionist-Bookkeeper**

The Association of the Academic Staff requires a full-time receptionist-bookkeeper to answer telephone enquiries from members, to maintain the Association's books, and to assist with general office duties, including typing and filing. Bookkeeping experience and good typing skills are essential. The position is available immediately. Salary and benefits are paid in accordance with University rates.

Applications to Gordon Unger, Executive Secretary, AASUA, 347 Athabasca Hall, 432-5321.

##### **Technical-Clerical Positions Department of Soil Science**

The Department of Soil Science has three technical-clerical positions available on a full-time and part-time basis. Duties will commence on 1 October 1981.

The duties will be to transfer information from soil maps to coding forms. The requirements are a Grade 12 education, thoroughness and attention to detail, an ability to work with consistent accuracy. A knowledge of soil survey procedures would be helpful.

The salary is negotiable from \$1,000 p.m. (based on full-time employment).

Apply in writing to: G. Patterson, Agriculture Canada—Soil Survey, Floor 6, Terrace Plaza Tower, 4445 Calgary Trail South, Edmonton, Alberta T6H 5C3. The University of Alberta is an equal opportunity employer.

### Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 18 September 1981.

Public Relations/Publications Clerk I (\$935.58-\$1,117.33)—Community Relations  
Senior Clerk (\$970.59-\$1,161.75)—Dean of Engineering  
Clerk Typist II (\$970.59-\$1,161.75)—Vehicle Pool; Anthropology; Romance Languages; Athletic Services; Office of the Comptroller; Sociology  
Clerk Steno II (\$970.59-\$1,161.75)—Surgery; Athletic Services; Physical Education; Entomology; Extension; Forest Science (2 positions); Technical Services; Mechanical Engineering  
Clerk Steno II (Part-time, recurring term) (\$582.36-\$697.05)—Extension  
Clerk Steno II/III (Part-time) (\$970.59-\$1,161.75)—Statistics and Applied Probability  
Library Clerk III (\$1,006.94-\$1,204.82)—Rural Economy  
Student Records Processing Clerk (\$1,080.97-\$1,304.43)—Nursing  
Admission Records Clerk/Coordinator (\$1,080.97-\$1,304.43)—Office of the Registrar  
Clerk Typist III (\$1,080.97-\$1,304.43)—Personnel Services and Staff Relations; Vice-President (Academic); Administrative Services  
Clerk Typist III (Part-time) (\$540.49-\$652.22)—Medicine  
Clerk Steno III (\$1,080.97-\$1,304.43)—Pathology (2 positions); Business Administration and Commerce; Computing Science; Restorative Dentistry; Sociology; Extension, Obstetrics and Gynaecology; Faculté Saint-Jean; AASUA; Mineral Engineering (2 positions)  
Public Relations/Publications Clerk II (\$1,080.97-\$1,304.43)—Community Relations  
Systems Control Clerk I (\$1,117.33-\$1,358.28)—Personnel Services and Staff Relations  
Medical Steno (¾ time) (\$903.63-\$1,106.55)—Pediatrics  
Secretary (\$1,204.82-\$1,475.40)—Dean of Arts; Pharmacology  
Public Relations/Publications Assistant II (\$1,358.28-\$1,673.30)—Community Relations  
Housing Worker I (Term) (\$970.59-\$1,161.75)—Housing and Food Services  
Housing Worker I (\$970.59-\$1,161.75)—Housing and Food Services  
Laboratory Assistant I (Trust) (\$903.29-\$1,080.97)—Medicine  
Laboratory Assistant II (\$970.59-\$1,161.75)—Provincial Laboratory  
Equipment Room Attendant (Term) (\$1,039.24-\$1,250.59)—Physical Education and Recreation  
Programmer/Analyst III (Part-time) (\$1,084.35-\$1,352.90)—Psychology  
Building Services Worker II (\$1,080.97-\$1,304.43)—Building Services (Physical Plant)  
Computer Assistant II (\$1,117.33-\$1,358.28)—Computing Services  
Technician I (Trust/Term) (\$1,204.82-\$1,475.40)—Food Science; Medicine  
Technician I (\$1,204.82-\$1,475.40)—Computing Services  
Technician I (Trust) (\$1,204.82-\$1,475.40)—Zoology; Pharmacology; Pharmacy  
Chemical Technician I (Trust) (\$1,204.82-\$1,475.40)—Chemistry  
Technician I (\$1,204.82-\$1,475.40)—Bioscience Animal Services  
Technician I/II (Trust) (\$1,204.82-\$1,673.30)—Plant Science  
Farm Technician (Dairy) (\$1,204.82-\$1,475.40)—Animal Science  
Youth Program Assistant (Trust) (\$1,204.82-\$1,475.40)—Extension—Legal Resource Centre  
Building Services Worker III (\$1,204.82-\$1,475.40)—Physical Plant (Building Services)  
Civil Engineering Technician I/II (Trust) (\$1,204.82-\$1,673.30)—Physical Plant (Building Services)  
Building Services Worker III (\$1,204.82-\$1,475.40)—Housing and Food Services  
Typographical Tradesman II (\$1,204.82-\$1,475.40)—Printing Services  
Technician I/Technologist I (Trust) (\$1,204.82-\$1,475.40)—Hormone Receptor Laboratory  
Technician I/Technologist I (Trust) (\$1,204.82-\$1,475.40)—Microbiology  
Building Services Worker IV (\$1,304.43-\$1,604.63)—Physical Plant (Building Services)  
Building Services Worker IV (\$1,250.59-\$1,538.68)—Housing and Food Services  
Maintenance Worker I (\$1,304.43-\$1,604.63)—Physical Plants (Grounds); Housing and Food Services  
Computer Operator I (\$1,304.43-\$1,604.63)—Office of Administrative Systems; Computing Services  
Security Officer I (\$1,358.28-\$1,673.30)—Campus Security  
Technician II/Technologist I (Trust) (\$1,358.28-\$1,747.33)—Medicine  
Technician II (\$1,358.28-\$1,673.30)—Mineral Engineering; Anatomy  
Technologist I (Part-time, Trust) (\$1,517.51-\$1,986.93)—MacEachern Laboratory  
Technologist I (Trust/Term) (\$1,417.51-\$1,747.33)—Medicine (Endocrinology)  
Laboratory Technologist I (\$1,417.51-\$1,747.33)—Provincial Laboratory  
Technologist I (Osteology) (\$1,417.51-\$1,747.33)—Anthropology  
Technologist I (Trust/Term) (\$1,417.51-\$1,747.33)—Genetics  
Draftsman II (\$1,417.51-\$1,747.33)—Design and Construction  
Biochemistry Technologist I (Trust) (\$1,417.51-\$1,747.33)—Surgery  
Biochemistry Technologist I/II (\$1,417.51-\$1,986.93)—MacEachern Laboratory  
Technologist I/II (Trust) (\$1,417.51-\$1,986.93)—Physiology  
Dental Hygienist (Term) (\$1,475.40-\$1,822.73)—University Health Services  
Electronics Technician II (\$1,475.40-

\$1,822.73)—Chemistry; Physics  
Engineering Technologist II (\$1,475.40-\$1,822.73)—Physical Plant (Energy Management)  
Maintenance Worker II (\$1,538.68-\$1,904.82)—Athletic Services; Physical Plant (Mechanical Utilities)  
Applications Analyst (\$1,538.68-\$1,904.82)—Office of the Registrar; Office of the Comptroller  
Technician III/Technologist III (\$1,538.68-\$2,264.26)—Geology  
Technician IV (\$1,747.33-\$2,168.70)—Mineral Engineering  
Typographical Tradesman III (\$1,604.63-\$1,986.93)—Printing Services  
Technologist II (\$1,604.63-\$1,986.93)—Printing Services; Biosafety Committee  
Security Officer III (\$1,673.30-\$2,077.14)—Campus Security  
Engineering Technologist III (\$1,673.30-\$2,077.14)—Design and Construction; Operations and Energy Management  
Television Producer II (\$1,747.33-\$2,168.70)—Radio and Television  
Machinist Technician III (\$1,822.73-\$2,264.26)—Technical Services, Machine Shop  
Programmer/Analyst II (\$1,822.73-\$2,264.26)—Office of Administrative Systems  
Interior Designer (\$1,822.73-\$2,264.26)—Design and Construction  
Engineering Technologist IV (\$1,904.82-

\$2,367.91)—Physical Plant (Energy Management)  
Operations Supervisor (\$1,986.93-\$2,474.27)—Computing Services  
Training Coordinator (\$2,168.70-\$2,705.81)—Computing Services  
Programmer/Analyst III (\$2,168.70-\$2,705.81)—Computing Services; Business Administration and Commerce  
Specialist Technician (\$2,168.70-\$2,705.81)—Physics  
Programmer/Analyst IV (\$2,588.69-\$3,242.93)—Computer Engineering; Office of Administrative Systems

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library—Room 512 should be consulted for further information as to availability and position requirements.

Library Clerk II (\$935.58-\$1,117.33)—Acquisitions  
Library Clerk III (\$1,006.94-\$1,204.82)—Acquisitions  
Library Assistant I (\$1,080.97-\$1,304.43)—Education; Acquisitions; Cataloguing  
Library Assistant II (\$1,204.82-\$1,475.40)—Cataloguing  
Secretary (\$1,204.82-\$1,475.40)—Administration, Rutherford

### Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.

#### Accommodations available

For rent—Must rent my house to go on sabbatical. Two storey, three bedrooms, five appliances, furnished. \$750/month. 1 December 1981-31 July 1982. 432-4191, 468-6089.  
For rent—End December to mid June or August. Charming, three bedroom house within ten minutes walking distance to University. Ravishing flower garden; gardener employed. \$700, call 433-6528.  
For sale—By owner. Millwoods. Close to College, three bedroom bungalow. 1,508 sq. ft. Fireplace, vacuum system. One bedroom, finished down; 6" walls. Bus 100 feet. \$117,000. 432-2305, 463-2609.  
For rent—Walk to University, four bedroom home. 483-9432.  
For sale—Glenora, view executive colonial, 3,100 sq. ft., fully developed. Resi Richter 483-9432, Weber 455-4135.  
For sale—Petrolia, owner moving, four

bedroom bungalow, family kitchen, fully developed basement with extra bedroom, double garage. Resi Richter 483-9432, Weber 455-4135.  
For sale—Lessard, Hallmark built home, 1,950 sq. ft., three bedroom bungalow, family room, dream kitchen. Resi Richter 483-9432, Weber 455-4135.  
For rent—Garneau. Classic, Tudor, four bedroom, furnished home. Available 1 Dec. - 15 Aug. 1982. Prefer professional with family. 439-1872.  
For sale—Parkallen. Three bedroom bungalow, completely finished—1st class! Upgraded throughout, garage, across from Park. Judy Chahley 435-2797 res. 436-3050 bus. Potter Realty.  
76 treed rolling acres, bordering Ministik Bird Sanctuary. Good well. \$69,000. 24 acres on private lake \$37,000. Both 28 miles S.E. Edmonton with utilities. Owner will carry at 15%. 469-0762.  
For rent—Most charming, three bedroom, executive, two storey home. In prestigious westend location. Close to all amenities, minutes from downtown. References. One year lease. 488-5733.  
For rent—Three bedroom home in Ottewell. Close all amenities, professional couple preferred. \$600 per month, references required. 435-8164 available 1 Oct.  
For rent—January - July 1982 bungalow. Belgravia. Rent negotiable. Call evenings 436-1704.  
For sale—Strathcona. Two storey, four bedroom, two baths, 1,750 sq. ft.

Beautifully restored. Modern kitchen, established garden, hardwood floors, open fireplace. Asking \$120,000. 439-7801.

Just listed—Executive condominium. 16th floor, Claridge House. Southern exposure, five appliances, financing. Call Robert Kully, A.E. LePage 437-7480, 439-1985.

For rent—Upper two floors. Parkallen house, 15 minute walk to University. Available October. Three bedrooms, two bathrooms, garage and five appliances. Families only, no pets. \$750, utilities extra. 437-2592.

For rent—Parkallen. Two bedroom, fully modern home, furnished or empty. \$650. References. Call 835-5297.

For rent—Sabbatical home, Southgate, December 1981 - December 1982. 432-5672.

For rent—Large, spacious, two bedroom suite. Well furnished and carpeted. Free laundry. Walking distance University. Available 1 Oct. \$420 including utilities. Non-smokers only. 435-0866.

For sale—Westridge Ravine property. Attractive cedar and brick, two storey, four bedroom home. Privately fenced, treed backyard. Outstanding cathedral ceiling in living room. Faye Lund, Block Bros. 436-4240, 487-2422.

For sale—Blue Quill, two storey home in excellent location. Immediate possession can be arranged. Great existing mortgage \$82,000 at 13¼% until Feb. 1983. Faye Lund 436-4240, 487-2422.

For rent—Family only. Three bedroom house with two bedroom suite in basement to sublet. 10821 62 Ave. \$700. 1 Oct. 437-0924 evenings.

For sale—Mill Creek, Substantially renovated two-storey. Features parquette flooring, solarium, and greenhouse. Cedar exterior. Good financing at 10¼%. Priced at \$129,900. Audi Lew 432-7515, ABC Realty.

For rent—Valleyview. Four bedroom home, super condition. All appliances. Attached double garage. \$950 per month. Call Betty 452-7441.

For sale—Laurier Heights. Three-level split, beautifully decorated, main floor family room, four bedrooms and contemporary kitchen. \$131,500. Please call Ruth 483-5854 or Emily 487-2478, office 483-9170. Royal Trust.

For sale—Lexington Greens. Luxury condominium in excellent location. Drapes appliances negotiable. Listed at \$89,500, open to offers. Call Janie Bodner, Royal Trust Real Estate 483-9170 bus. or 434-6385 res.

For sale—Bi-level, Duggan. \$115,000. Approximately \$55,000 mortgage at 10¼% till 1983. 432-3067 bus., 435-6351.

For sale—By owner. Executive type older home. Five bedrooms, living room, dining room, family room, big kitchen, two bathrooms, patio, double garage. Phone 433-3507.

For sale—Next to campus. Two bedroom condominium. Balcony, fireplace, underground parking, 1½ baths, quality carpets and appliances. By owner-agent. 436-6032 res.

For sale—Five minutes to University and downtown. Charming bungalow in excellent condition and character plus! Patricia Warnke, 436-1299 A.E. LePage.

For sale—Belgravia bungalow. Three bedrooms in over 1,300 sq. ft. Fully developed basement and lovely yard. Spacious kitchen and generous storage. Patricia Warnke, 436-1299 A.E. LePage.

#### Accommodations wanted

Visiting professor, medicine, requires furnished accommodation one year. January or February 1982. Two bedrooms. Contact Dr. Russell 432-6296.

Sabbatical family requires housing for 1 Oct. 2/3 bedroom, furnished house or apartment with easy access to University. 432-5382.

#### Goods for sale

Antiques—Appraisals on video cassette or typewritten list. For insurance; police identification; family division. Confidential advice on buying/selling; furniture; porcelain; jewellery; silver; Mary Goulden. 10437 142 St. 452-8549, 453-2008.

Water-ski boat including trailer. Good condition. Dr. Russell 432-6296. \$2,000 o.n.o.

Natural muskrat coat. Full length. Size 10. Very attractive. Excellent condition. Phone 432-2015, 439-3735.

Fujica SLR 35 with case, flash, wide angle, zoom, standard, 462-3494, 432-6573.

Olympus XA2 automatic 35 flash and case. 462-3494, 432-6573.

#### Services

Donnic Typing Services Ltd. Specializing in word processing. 301A 10454 Whyte Avenue. 432-1419.

Kozak Business Services: Complete typing service available. Student discount. #305, 9924 106 Street. 423-3068, 478-1885.

Singing teacher, Eileen Turner. 439-4661. Typing on word processor. Call Darlene 452-1074.

Piano, theory lessons. Robert Gariepy. 433-7238.

Calico Decorators. Interior/Exterior. Residential/commercial. Quality workmanship. Free estimates. Phone 436-6239.

Children's art instruction and creative development. 433-0044.

Word processing service/Typing school/ Photocopier/Typewriter rental/ Mark 9, 8919 112 St. HUB Mall, 432-7936.

Architectural drafting—houseplans, interior renovations, additions. Call Dale 428-6162.

Springhill Nursery School. 10037 84 Ave. Edmonton's first parent cooperative playschool. Ages 2 - 5 years. Not daycare. Call Jayne 466-9455.

Balada Romanian Folkdance Ensemble is a group of young adults who enjoy dancing. We have performed extensively in Alberta and Europe. Come and join us. Ann 434-5747, Gary 474-3591.

Select Introductions, unattached people, someone for everyone. 438-0134.

Dance music for all occasions. 439-3189. Avon—Economy got you down? Avon offers good \$\$\$, nice people, great prizes. Call 465-1088.

The Caraway Program at Garneau School has an opening for a girl at the grade 3 level. For information call Gail 432-5937, 434-9702.

Physical Therapy treatments for back problems, arthritis, rheumatism, migraine, neuro-muscular disorders, fitness and relaxation using remedial massage, electrotherapy, chiro-gymnastics and heat. Maria Krieg certified Physical Therapist. 436-8059.

Tax preparation consulting. Eberlein 434-0563.

Salon de Conversation Française. French classes, all levels. Aspen. 435-4467.

Church organist required. Garneau United Church. 84 Ave. 112 St. 439-2501, 432-4921.



## IMAGINUS EXHIBITION AND SALE of FINE ART REPRODUCTIONS AND ORIGINAL PRINTS

**NEW THIS YEAR:**  
Contemporary  
Exhibition  
Posters

**FEATURING:** Old Masters, Impressionists, Markgraf, The Group of Seven, Oriental and Modern Art, Ojibway, Curtis Photos, Black and White Photography, Escher, Wyeth, O'Keefe, Original Etchings

**DATE** Sept. 28 - Oct. 2  
**TIME** 9 a.m. - 5 p.m.  
**PLACE** Room 142 SUB

#### PRICES

MOST LARGE PRINTS  
**\$4.25 EA or 3 FOR \$10.00**  
MOST SMALL PRINTS  
**\$2.25 EA or 3 FOR \$5.50**

**OVER 700  
DIFFERENT IMAGES**

## Thinking of Travel? CUTS Travel Fair

Friday, September 25  
11 a.m. - 4 p.m.  
Room 142, SUB

Canadian Universities Travel Service (CUTS)  
Main Floor SUB 432-2592